

Bennett 1999-0447CON

IN THE CLAIMS:

1. *(currently amended)* A mobile communication point for use in a mobile radio network comprising a plurality of communication points, each capable of communicating with other communication points, the communication point comprising

a transmitter/receiver for sending signals to and receiving signals from the other communication points, the communication point comprising a transmitter/receiver for sending signals to and receiving signals from the other communication points; and

means to switch the communication point between a high power mode for transmitting or receiving signals and a low power mode defined as a sleep state wherein the communication point is unable to transmit or receive signals, the communication point being controlled to come out of sleep state periodically and broadcast a packet of data containing its unique identity, each communication point of the plurality of communication points broadcasting its unique identify during random timer intervals;

data storage means for storing data identifying the communication point and storing data identifying other communication points which have been interacted with recently, and wherein the communication point determines whether data about a second communication point is stored in its data storage means upon receipt of a transmission from the second communication point, wherein the first communication point is responsive to as request from a second communication point to transmit data about a third communication point from said data storage means to the second communication point.

2. *cancelled*

3. *(previously presented)* A mobile communication point according to claim 1 in which the communication point waits for a short period after broadcast of its unique identity to detect whether any other communication point is attempting to transmit back to the communication point before returning to the sleep state.

4. *(previously presented)* A mobile communication point according to claim 3 in which the communication point remains able to transmit or receive signals for a longer period if the communication point receives a response addressed to said communication point during the receive period.

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5. *(previously presented)* A mobile communication point according to claim 1 in which the communication point includes means responsive to an external input to cause the switching means to switch the communication point from low power mode to high power mode.

6. *(original)* A mobile communication point according to claim 5 in which the means responsive to an external input comprises a low power RF detection circuit responsive to a radio transmission.

7. *(original)* A mobile communication point according to claim 5 in which the means responsive to an external input comprises an ultrasonic detector.

8. *(original)* A mobile communication point according to claim 5 in which the means responsive to an external input comprises an infrared detector.

9. *(original)* A mobile communication point according to claim 5 in which the means responsive to an external input comprises a manual input.

10. *cancelled*

11. *(currently amended)* A mobile communication point according to claim 1 ~~10~~ in which the communication point is responsive to a transmission from a second communication point to send interrogation signals to the second communication point.

12. *(currently amended)* A mobile communication point according to claim 1 ~~10~~ in which the communication point can remain active at all times.

13. - 24. *cancelled*